

SAUGATUCK RIVER BASIN

01208990 SAUGATUCK RIVER NEAR REDDING, CT--Continued

WATER-QUALITY RECORDS

PERIOD of RECORD.--Water years, 1964, 1966, June 1968 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

		DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	FECAL COLI-FORM, MFC MF, WATER (COL/ 100 ML) (31616)	ENTERO-COCCI, MEI MF, WATER (COL/ 100 ML) (90909)	HARD-NESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)	
OCT 19...	1310	3.8	246	7.3	16.0	10.5	.51	10.8	96	4k	24	99	25.9	
JAN 29...	1455	16	232	7.6	18.0	4.0	.51	13.9	108	5k	9k	79	20.6	
APR 30...	1320	62	209	7.4	12.0	10.5	2.0	11.2	102	204	43	69	18.3	
JUL 30...	1410	5.4	248	8.0	32.0	25.0	1.2	8.7	104	32	116	98	26.2	
Date	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	
	OCT 19...	8.43	10.7	2.57	0	98	81	9.1	22.7	<.1	10.5	144	150	<.008
	JAN 29...	6.65	11.9	1.87	0	73	61	11.1	23.2	<.1	9.40	132	128	<.008
	APR 30...	5.73	12.0	1.55	0	64	53	9.0	24.0	<.1	6.09	124	133	<.008
	JUL 30...	7.98	10.2	1.68	0	95	78	7.7	19.3	<.1	7.35	144	141	<.008
Date	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	
	OCT 19...	E.03	<.04	.28	.20	--	.009	.009	<.02	3	E.03	18	<.06	<.04
	JAN 29...	.18	<.04	.18	.18	.36	.011	.005	<.02	5	.07	16	<.06	<.04
	APR 30...	.05	<.04	.37	.26	.42	.022	.009	<.02	12	.17	15	<.06	<.04
	JUL 30...	.15	<.04	.29	.25	.44	.026	.019	E.01	5	E.04	18	<.06	<.04
Date	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)		
	OCT 19...	<.8	.08	.6	32	<.08	5.4	.2	.60	<1	<1	.30	5.5	
	JAN 29...	<.8	.06	.5	98	.08	9.9	E.2	.21	<1	<1	.21	3.6	
	APR 30...	<.8	.08	.7	92	.08	11.1	E.2	.30	<1	4	.14	6.3	
	JUL 30...	<.8	.07	.6	66	E.06	13.1	.3	.43	<1	2	.34	4.3	

Value qualifier codes used in this report:
 k -- Counts outside acceptable range

Science Challenge

From how many States does the Mississippi River system drain?

Find more earth science information on our website at <http://www.usgs.gov>

The Mississippi River system drains water from 31 states and is the source of 23 percent of the public surface-water supply for the United States.